

WHAT IS CLAIMED IS:

1. A chair arm with an adjustable height, comprising:
 - an inner post having a first end adapted to be secured on a chair and a second end opposite to the first end of the inner post, the
 - 5 inner post including a first slot longitudinally defined therein near the second end of the inner post and extending through the inner post, the first slot having two opposite sides each having a series of first indentations defined in the inner post;
 - an end piece attached to the second end of the inner post for
 - 10 closing the inner post and extending into the inner post, the end piece including a channel defined therein and corresponding to the first slot in the inner post;
 - an outer post sleeved on the inner post and the inner post partially received in the outer post, the outer post having a through hole
 - 15 defined therein and communicating with the first slot when the outer post partially receiving the inner post, the outer post having a top end adapted to be securely connected to a cushion of the chair; and
 - a locking device reciprocally slidably mounted in the through hole and extending into the inner post to selectively hold the
 - 20 outer post in place, the locking device including:
 - a button reciprocally moveably received in the through hole in the outer post and extending out of the outer for user to operate the locking device;

a protrusion laterally extending from the button and selectively slidably received in the first slot in the inner post, the protrusion including two opposite sides each having at least one buckle laterally extending therefrom, the buckles selectively engaged to a corresponding one of the first indentations in the inner post to hold the outer post in place relative to the inner post;

5 a shank longitudinally extending from the protrusion through the channel in the end piece, the shank has two opposite sides each having a stopper laterally extending from a free end after extending through the channel in the end piece, the two

10 stoppers abutting the end piece to prevent the locking device from detaching from the chair arm; and

15 a resilient member compressively sleeved on the shank between the protrusion and the end piece to provide a restitution force to the locking device after being pressed.

2. The chair arm as claimed in claim 1, wherein the end piece comprises a cover attached to the second end of the inner post for closing the inner post and two rails downward extending from the cover to define the channel, the second end of the resilient member

20 abutting the rails and the stopper engaged to the rail to prevent the locking device from detaching from the chair arm.

3. The chair arm as claimed in claim 1, wherein the inner post comprises a second slot longitudinally defined therein near the second

end of the inner post and extending through the inner post, the second slot corresponding to the first slot in the inner post, the second slot having two opposite longitudinal sides each having a series of second indentations defined in the inner post, each stoppers of the locking 5 device selectively received in a corresponding one of the series of second indentations to enhance the position purpose of the locking device.

4. The chair arm as claimed in claim 1, wherein the outer post comprises an enlarged portion formed on the top end of the outer post, 10 the enlarged portion adapted to be securely connected to a cushion of the chair.

5. The chair arm as claimed in claim 1, wherein the resilient member is a spring.

6. The chair arm as claimed in claim 2, wherein the inner post 15 comprises a second slot longitudinally defined therein near the second end of the inner post and extending through the inner post, the second slot corresponding to the first slot in the inner post, the second slot having two opposite longitudinal sides each having a series of second indentations defined in the inner post, each stoppers of the locking 20 device selectively received in a corresponding one of the series of second indentations to enhance the position purpose of the locking device.

7. The chair arm as claimed in claim 2, wherein the outer post

comprises an enlarged portion formed on the top end of the outer post, the enlarged portion adapted to be securely connected to a cushion of the chair.

8. The chair arm as claimed in claim 2, wherein the resilient
5 member is a spring.

9. The chair arm as claimed in claim 3, wherein the outer post comprises an enlarged portion formed on the top end of the outer post, the enlarged portion adapted to be securely connected to a cushion of the chair.

10 10. The chair arm as claimed in claim 3, wherein the resilient member is a spring.

11. The chair arm as claimed in claim 4, wherein the resilient member is a spring.

12. The chair arm as claimed in claim 6, wherein the resilient
15 member is a spring.

13. The chair arm as claimed in claim 7, wherein the resilient member is a spring.

14. The chair arm as claimed in claim 9, wherein the resilient member is a spring.

20 15. The chair arm as claimed in claim 2 further comprising two pushers respectively mounted in inner post and abutting against an inner periphery of the outer post to prevent the outer post from shaking due to a gap between the inner post and the outer post.

16. The chair arm as claimed in claim 3 further comprising two pushers respectively mounted in inner post and abutting against an inner periphery of the outer post to prevent the outer post from shaking due to a gap between the inner post and the outer post